

*EAST* *LPB*

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 545  | "pressure sensor" and "sample rate"  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | ON      | 2005/10/17 17:57 |
| L2    | 430  | "pressure sensor" and "transmission rate"  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | ON      | 2005/10/17 17:57 |
| L3    | 26   | L1 and L2  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | ON      | 2005/10/17 17:57 |
| L4    | 7    | L3 and tire  | US-PGPUB;<br>USPAT;<br>USOCR              | OR               | ON      | 2005/10/17 17:57 |
| S1    | 25   | (("6658936") or ("6580365") or ("6535116") or ("6507276") or ("6453737") or ("6438193") or ("6242506") or ("6175302") or ("6278363") or ("5963128") or ("5955712") or ("5889464") or ("5781104") or ("5463374") or ("5260683") or ("4510484") or ("4504761") or ("4384482") or ("4472974") or ("4246567") or ("4250759") or ("4237728") or ("4210898") or ("4117452")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2005/08/25 07:59 |
| S2    | 25   | (("6658936") or ("6580365") or ("6535116") or ("6507276") or ("6453737") or ("6438193") or ("6343506") or ("6175302") or ("6278363") or ("5963128") or ("5955712") or ("5889464") or ("5781104") or ("5463374") or ("5260683") or ("4510484") or ("4504761") or ("4384482") or ("4472974") or ("4246567") or ("4250759") or ("4237728") or ("4210898") or ("4117452")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2005/08/18 13:23 |
| S3    | 2889 | ("tire pressure monitoring system") or TPMS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2005/08/18 13:32 |
| S4    | 987  | (("tire pressure monitoring system") or TPMS) and mode   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2005/10/17 17:48 |
| S5    | 117  | (("tire pressure monitoring system") or TPMS) and mode and vibrat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2005/10/17 17:41 |

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| S6  | 1   | 10/936313  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/19 11:43 |
| S7  | 1   | 10/761734  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/19 11:43 |
| S8  | 127 | stewart and schrader   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/19 11:47 |
| S9  | 142 | "73".clas. and (amplif\$4 adj vibrat\$4)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:45 |
| S10 | 13  | "73".clas. and (amplif\$4 adj vibrat\$4) and (plastic or thermoset)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/23 07:50 |
| S11 | 17  | "73".clas. and (piezo with vibrat\$4 with sens\$4) and amplif\$4 and plastic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:53 |
| S12 | 1   | ("housing amplifies vibration")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:53 |
| S13 | 4   | "73".clas. and (piezo with vibrat\$4 with sens\$4) and encapsulat\$4         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:56 |
| S14 | 0   | "73".clas. and (piezo with vibrat\$4 with sens\$4) and "thermoplastic"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:56 |
| S15 | 0   | "73".clas. and (piezo with vibrat\$4 with sens\$4) and "thermo plastic"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 15:57 |
| S16 | 2   | "73".clas. and (piezo with vibrat\$4 with sens\$4) and "thermoset"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 16:03 |
| S17 | 53  | "73".clas. and (piezo with vibrat\$4 with sens\$4) and "housing"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/22 16:03 |

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| S18 | 25   | "73".clas. and (amplif\$4 adj vibrat\$4) and ("young's modulus" or elastic\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/23 07:56 |
| S19 | 5189 | "young's modulus" and vibrat\$4  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/23 07:56 |
| S20 | 1172 | "young's modulus" and vibrat\$4 and amplif\$4                                  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/23 07:57 |
| S21 | 676  | "young's modulus" and vibrat\$4 and amplif\$4 and sensor                       | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/23 07:57 |
| S22 | 0    | "piezoelectric sensor mounted on lead"   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/24 07:49 |
| S23 | 2338 | "piezoelectric sensor" and mount\$4  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/24 07:49 |
| S24 | 1233 | "piezoelectric sensor" and mount\$4 and lead                                   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/24 07:59 |
| S25 | 20   | "piezoelectric sensor" with mount\$4 with board                                | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/24 07:59 |
| S26 | 934  | (73/756).CCLS.   | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/25 07:59 |
| S27 | 0    | ("piezo") and (capacitor near series near sensitivity)                         | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/25 15:03 |
| S28 | 0    | (capacitor near series near sensitivity)                                       | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/25 15:05 |
| S29 | 319  | (capacitor with series with sensitivity)                                       | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON  | 2005/08/25 15:06 |

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| S30 | 2   | (capacitor with series with sensitivity) and piezo   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/25 15:09 |
| S31 | 0   | ("shunt resistor" with parallel with sensitivity) and piezo  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/25 15:10 |
| S32 | 14  | (resistor with parallel with sensitivity) and piezo  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/08/25 15:10 |
| S33 | 119 | (("tire pressure monitoring system") or TPMS) and mode and vibrat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:42 |
| S34 | 33  | S33 and (motion adj (detect\$4 sens\$4 switch))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:47 |
| S35 | 33  | S34 and vibrat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:43 |
| S36 | 32  | S34 and temperature  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:43 |
| S37 | 0   | S33 and ("sample rate")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:47 |
| S38 | 4   | ("tire pressure monitoring system") and "sample rate"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2005/10/17 17:48 |
| S39 | 18  | ("4142184"   "4529961"   "4609905"   "5109213"   "5289160"   "5600301"   "5661651"   "5963128"   "5969595"   "5999091"   "6003146"   "6097278").PN. OR ("6486773").URPN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON | 2005/10/17 17:52 |
| S40 | 545 | "pressure sensor" and "sample rate"  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON | 2005/10/17 17:52 |
| S41 | 430 | "pressure sensor" and "transmission rate"  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON | 2005/10/17 17:53 |
| S42 | 26  | S40 and S41  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON | 2005/10/17 17:53 |

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| S43 | 7 | S42 and tire   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/10/17 17:57 |
| S44 | 8 | (("6891239") or ("6486773") or ("6232875") or ("5663496")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/10/17 17:56 |